

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims, in the application.

Listing of Claims:

1-19. (Canceled)

20. (Previously presented) A pulmonic fluid-flow control device, comprising:
a one-way valve dimensioned for placement in a bronchial passageway, wherein the valve is movable between an open configuration allowing air flow through the valve and a closed configuration restricting air flow through the valve, the valve being biased into the closed configuration, and wherein the device has a construction that completely blocks air flow through the bronchial passageway when the valve is in the closed configuration; and

a frame coupled to the valve, wherein the frame self-expands within a bronchial passageway sufficiently to anchor the flow control device within the bronchial passageway.

21. (Previously Presented) The pulmonic fluid-flow control device of claim 20, wherein the valve has an outer diameter of approximately 0.349 inches.

22. (Previously presented) The pulmonic fluid-flow control device of claim 20, wherein the valve includes a valve body having a slit through which fluid can flow.

23. (Currently Amended) A pulmonic fluid-flow control system, comprising:
an outer sheath for positioning a valve; and
a flow control device including a one-way valve so dimensioned as to be guidable into the outer sheath, the valve so dimensioned for placement in a bronchial passageway, wherein the valve is movable between an open configuration allowing air flow through the valve and a closed configuration restricting air flow through the valve,

the valve being biased into the closed configuration, and wherein the flow control device has a construction that completely blocks air flow through the bronchial passageway when the valve is in the closed configuration, and wherein a frame is coupled to the valve, wherein the frame self-expands within a bronchial passageway sufficiently to anchor the flow control device within the bronchial passageway.

24. (Previously Presented) The pulmonic fluid-flow control system of claim 23, wherein the valve has an outer diameter of approximately 0.349 inches.

25. (Previously presented) The pulmonic fluid-flow control system of claim 23, wherein the valve includes a valve body having a slit through which fluid can flow.

26. (Currently amended) A pulmonic fluid-flow control device, comprising:
a one-way valve dimensioned for placement in a bronchial passageway, wherein the valve is movable between an open configuration allowing air flow through the valve and a closed configuration restricting air flow through the valve, the valve being biased into the closed configuration, and wherein the device has a construction such that no air flow occurs across the ~~valve~~ flow control device and through the bronchial passageway when the valve is in the closed configuration, and wherein an outer surface of the device is configured to seal with an interior of a body passageway; and
a frame coupled to the valve, wherein the frame self-expands within a bronchial passageway sufficiently to anchor the flow control device within the bronchial passageway.

27. (Currently Amended) A pulmonic fluid-flow control system, comprising:
an elongate passage for positioning a valve; and
a flow control device including a one-way valve so dimensioned as to be guidable in the elongate passage, the valve so dimensioned for placement in a bronchial passageway, wherein the valve is movable between an open configuration allowing air flow through the valve and a closed configuration restricting air flow through the valve,

Applicant : Gholam-Reza Zadno-Azizi, et al.
Serial No. : 10/081,569
Filed : February 21, 2002
Page : 4 of 9

Attorney's Docket No.: 17075-003004 / 0102D
Amendment

the valve being biased into the closed configuration, and wherein the flow control device has a construction such that no air flow occurs across the ~~valve~~ flow control device and through the bronchial passageway when the valve is in the closed configuration and wherein a frame is coupled to the valve, wherein the frame self-expands within a bronchial passageway sufficiently to anchor the flow control device within the bronchial passageway.

28. – 31. (Cancelled)